

VALID

Pat. No. 05523550 - 1  
Issue Date: 12/24/01

Group ID: B  
User ID: rditri

Page 1  
KS: 2,131

Warning [Pages Of US References:]

page 2 has no references

Warning [Pages Of Foreign References:]

page 1 has no references

page 2 has no references

page 4 has no references

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page 6 has no references

Warning [Pages Of Other References:]

page 1 has no references

page 4 has no references

page 5 has no references

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pp. 3-4  
B  
6/2/10

JACKET

<u>SERIAL NUMBER</u>	<u>FILING DATE</u>	<u>CLASS</u>	<u>SUBCLASS</u>	<u>GAU</u>
09/525,488	03/15/00	725	82	2611

<u>FOREIGN</u>	<u>PRIORITY</u>
<u>Country</u>	<u>Document Number</u> <u>Date</u>

DISCLAIMER

/ /

TITLE

Method and apparatus for transmitting wireless signals over media

LATIN NAME

VARIETAL DENOMINATION

MICROFICHE APPENDIX

ASSISTANT EXAMINER:

<u>First:</u>	<u>Middle:</u>	<u>Last:</u>
Rueben		Brown

PRIMARY EXAMINER:

<u>First:</u>	<u>Middle:</u>	<u>Last:</u>
Andrew		Faile

CLAIMS ALLOWED

<u>Total</u>	<u>Print</u>
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14	1
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DRAWINGS

<u>Sheets</u>	<u>Figures</u>	<u>Print</u>
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BLUE SLIP INFORMATION

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Page 2

09/525,488            725            82            2611

INDEP. CLAIMS

TOTAL CLAIMS

1,3,4,7,9,12,13,14

14

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PTOL85b INFO

SERIAL NUMBER

FILING DATE

09/525,488

03/15/00

ASSIGNEE DATA PRESENT

DATE FEE PAID

Yes

05/23/03

EMAIL ADDRESS

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ATTORNEYS

Type:

Firm/First:

Middle:

Last:

Firm

Covington & Burling

=====

ASSIGNEES

Code: Firm/First:

Middle:

Last:

02    Next Level Communications, Inc.

City:

State: Country:

Rohnert Park

CA

Text:

=====

OATH

INVENTOR NAME

First:

Middle:

Last:

Signed:

Steve Sheppard Yes

City: Sebastopol

State: CA ZIP Code: Country: Foreign ZIP:

INVENTOR NAME

First: Middle: Last: Signed:

James L. Swisher Yes

City: Santa Rosa

State: CA ZIP Code: Country: Foreign ZIP:

=====

REFERENCES (Page 4) SERIAL NUMBER: 09/525,488  
FORM 892

U.S. REFERENCES

<u>U.S. Pat No.</u>	<u>Date</u>	<u>Patentee</u>	<u>Class</u>	<u>SubClass</u>
5,969,714	10/1999	Butcher	725	82
5,940,387	08/1999	Humpleman	725	82

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REFERENCES (Page 5) SERIAL NUMBER: 09/525,488  
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*6,317,884	11/2001	Eames et al.	725	78
No issue date available.				
5,905,941	05/1999	Chanteau	725	127
5,528,582	06/1996	Bodeep et al.	370	24

FOREIGN REFERENCES

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REFERENCES (Page 6) SERIAL NUMBER: 09/525,488  
FORM 1449

U.S. REFERENCES

<u>U.S. Pat No.</u>	<u>Date</u>	<u>Patentee</u>	<u>Class</u>	<u>SubClass</u>
5,715,020	02/1998	Kuroiwa et al.	<del>348</del>	<del>734</del>
5,933,192	08/1998	Crosby et al.	<del>348</del>	<del>10</del>
5,610,916	03/1997	Kostreski et al.	<del>370</del>	<del>69</del>
5,651,010	07/1997	Kostreski et al.	<del>370</del>	<del>50</del>
5,659,353	08/1997	Kostreski et al.	<del>348</del>	<del>21</del>
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5,521,631	05/1996	Budow et al.	<del>348</del>	<del>6</del>
5,628,055	05/1997	Stein	<del>455</del>	<del>89</del>
5,842,111	11/1998	Byers	<del>348</del>	<del>10</del>
5,936,660	08/1999	Gurantz	<del>348</del>	<del>734</del>
5,917,624	06/1999	Wagner	<del>359</del>	<del>125</del>
*<5,1>6,317,884	11/2001	Eames et al.	<del>348</del>	<del>6</del>
No issue date available.				
5,953,045	09/1999	Tanishima	<del>348</del>	<del>10</del>
<1,1>5,708,961	01/1998	Hylton et al.	<del>348</del>	<del>6</del>
5,701,152	12/1997	Chen	<del>455</del>	<del>2</del>

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Page 5

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\*\*\*\*\* End of edited forms \*\*\*\*\*

CHECK LIST

Rule 47      Continuing Data      PCT      Disclaimer

No              No                      No              No

Microfiche Appendix              CPA tag

No                      No

Foreign Priority Claimed: No  
Acknowledged: No

State Code: CA      Country Code:

Text Endorsement: 09525488.031500

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Page 7

PRIMARY EXAMINER:

First:

Middle:

Last:

Andrew

Faile

CLAIMS ALLOWED

Total      Print

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DRAWINGS

Sheets      Figures      Print

11            11            Y

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BLUE SLIP (Page 1)

INTERNATIONAL CLASSIFICATION

Class      SubClass

H04N      7/18

CROSS-REFERENCES

Class      SubClass

725      78

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TERM EXTENSION

0

FIELD OF SEARCH

Class      SubClass



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Page 8

725 74;78;79;80;82;85

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Rohnert Park      CA

Text:

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Steve      Sheppard      Yes

City:      Sebastopol

State: CA      ZIP Code:      Country:      Foreign ZIP:

INVENTOR NAME

First:      Middle:      Last:      Signed:  
James      L.      Swisher      Yes

City:      Santa Rosa

State: CA      ZIP Code:      Country:      Foreign ZIP:

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PCT INFO  
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CONTINUING DATA (Page 1)

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LINE   CODE      SERIAL NUMBER      FILING DATE      STATUS      DOCUMENT NO.      ISSUE DATE  
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REFERENCES (Page 1) SERIAL NUMBER: 09/525,488  
FORM 892

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5,708,961	01/1998	Hylton et al.	725	81

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Co-pending U.S. Application [190 [0 09/526,100 filed on Mar. 15, 2000.

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Co-pending U.S. Application [190 [0 09/488,275 filed on Jan. 20, 2000.

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Co-pending U.S. Application [190 [0 09/026,038 filed on Feb. 19, 1998.

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REFERENCES (Page 3) SERIAL NUMBER: 09/525,488  
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U.S. REFERENCES

<u>U.S. Pat No.</u>	<u>Date</u>	<u>Patentee</u>	<u>Class</u>	<u>SubClass</u>
5,574,964	11/1996	Hamlin	455	3.1
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Residential Gateway Group publication, [37 The residential gateway[38  
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Generic Requirement, Bellcore, [37 Active Network Interface Device  
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Specifications, GTE, [37 The residential gateway functional  
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<http://info.gte.com/gtel/sponsored/rg/webspec.htm> on Jul. 24, 1996, 6

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Co-pending U.S. Application [190 [0 09/525,412 filed on Mar. 15, 2000.  
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5,969,714	10/1999	Butcher	725	82
5,940,387	08/1999	Humpleman	725	82

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5,528,582	06/1996	Bodeep et al.	370	24

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5,610,916	03/1997 Kostreski et al.	370	69
5,651,010	07/1997 Kostreski et al.	370	50
5,659,353	08/1997 Kostreski et al.	348	21
5,729,279	03/1998 Fuller	348	384
5,521,631	05/1996 Budow et al.	348	6
5,628,055	05/1997 Stein	455	89
5,842,111	11/1998 Byers	348	10
5,936,660	08/1999 Gurantz	348	734
5,917,624	06/1999 Wagnér	359	125
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5,953,045	09/1999 Tanishima	348	10
<1,1>5,708,961	01/1998 Hylton et al.	348	6
5,701,152	12/1997 Chen	455	2

**FOREIGN REFERENCES**

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**OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)**

Co-Pending Related U.S. Patent Application No. 09/612,562 Title:

Wireless and xDSL Residential Gateway and System Filed: Jul. 7, 2000.

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*fixed  
12/26/20*

JACKET

<u>SERIAL NUMBER</u>	<u>FILING DATE</u>	<u>CLASS</u>	<u>SUBCLASS</u>	<u>GAU</u>
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Rueben		Brown

PRIMARY EXAMINER:

<u>First:</u>	<u>Middle:</u>	<u>Last:</u>
Andrew		Faile

CLAIMS ALLOWED

<u>Total</u>	<u>Print</u>
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14	1
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DRAWINGS

<u>Sheets</u>	<u>Figures</u>	<u>Print</u>
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09/525,488            725            82            2611

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1,3,4,7,9,12,13,14

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Covington & Burling

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Steve

Sheppard

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City: Sebastopol

State: CA ZIP Code: Country: Foreign ZIP:

INVENTOR NAME

First: Middle: Last: Signed:

James L. Swisher Yes

City: Santa Rosa

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<del>5,969,714</del>	<del>10/1999</del>	<del>Butcher</del>	<del>725</del>	<del>82</del>
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<del>5,715,020</del>	<del>02/1998</del>	<del>Kuroiwa et al.</del>	<del>348</del>	<del>734</del>
<del>5,933,192</del>	<del>08/1999</del>	<del>Crosby et al.</del>	<del>348</del>	<del>10</del>
<del>5,610,916</del>	<del>03/1997</del>	<del>Kostreski et al.</del>	<del>370</del>	<del>69</del>
<del>5,651,010</del>	<del>07/1997</del>	<del>Kostreski et al.</del>	<del>370</del>	<del>50</del>
<del>5,658,353</del>	<del>08/1997</del>	<del>Kostreski et al.</del>	<del>348</del>	<del>21</del>
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<del>5,917,624</del>	<del>06/1999</del>	<del>Wagner</del>	<del>359</del>	<del>125</del>
<del>*&lt;5,1&gt;5,317,884</del>	<del>11/2001</del>	<del>Eames et al.</del>	<del>348</del>	<del>6</del>
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<del>&lt;1,1&gt;5,708,961</del>	<del>01/1998</del>	<del>Hylton et al.</del>	<del>348</del>	<del>6</del>
<del>5,701,182</del>	<del>12/1997</del>	<del>Chen</del>	<del>455</del>	<del>2</del>

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No              No              No      No

Microfiche Appendix      CPA tag

No              No

Foreign Priority Claimed: No  
Acknowledged: No

State Code: CA      Country Code:

Text Endorsement: 09525488.031500

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User ID: rditri

Page 8

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ATTORNEYS

Type:      Firm/First:      Middle:      Last:

Firm      Covington & Burling

=====

ASSIGNEES

Code:   Firm/First:      Middle:      Last:

02      Next Level Communications, Inc.

City:      State:   Country:

Rohnert Park      CA

Text:

=====

OATH

INVENTOR NAME

First:      Middle:      Last:      Signed:

Steve      Sheppard      Yes

City:      Sebastopol

State: CA      ZIP Code:      Country:      Foreign ZIP:

INVENTOR NAME

First:      Middle:      Last:      Signed:  
James      L.      Swisher      Yes

City:      Santa Rosa

State: CA      ZIP Code:      Country:      Foreign ZIP:

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